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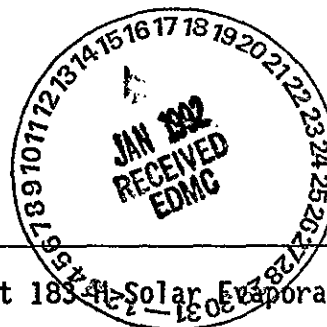
## 183-H SOLAR EVAPORATION BASINS UNIT MANAGERS MEETING

ATTENDEES: J. J. Witczak, Ecology  
T. M. Michelena, Ecology

DATE: January 10, 1990

D. L. Duncan, DOE-RL ERD  
S. D. Stites, DOE-RL ERD  
S. S. Clark, DOE-RL OPD  
S. B. Clifford, WHC  
J. D. Hoover, WHC  
M. A. Mihalic, WHC  
E. W. Powers, WHC  
F. A. Ruck, III, WHC

LOCATION: Richland, WA



PURPOSE: Unit meeting concerning activities at 183-H Solar Evaporation Basin (TSD No. T-1-4).

### ACTIVITY STATUS:

1. Hazardous Waste Volume Reduction - Evaporation

WHC reported that essentially all free-standing liquid has been removed from Solar Evaporation Basins No. 2 and No. 3, thus completing the hazardous waste removal by evaporation. Liquid still contained in the remaining crystallized solid material is being drained and removed along with any precipitation, then solidified using the existing method.

2. Liquid Hazardous Waste Removal

WHC stated that liquid waste removal operations continued on a limited basis throughout December. A total of 18 drums were removed/solidified during December. A total of 1578 drums of solidified material have been packaged to date. Shipments to the Central Waste Complex are continuing on a regular basis. There have been 1380 drums shipped to date. The remaining 198 drums are at 183-H awaiting shipment. Cleanup efforts of the remaining solid material will continue as weather permits. WHC verified, by sampling, that the drums have solidified. This information will be included in the closure/postclosure plan.

3. Basin Decontamination

Nothing new to report.

4. Site Sampling

Basin Sampling/Analysis  
Nothing new to report.

Contaminated Soil Characterization

WHC reported that Phase I soil sampling beneath the flocculation portion of Basin No. 1 was completed on December 19, 1989. Core drilling in the sedimentation portion of Basin No. 1 was completed on December 28, 1989. The sample holes are pre-drilled to within a few inches of the

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bottom of the slab and then completely drilled through when the sample team is present. This saves considerable resources by having the sampling team present only during the final few inches of core boring. Sampling in Basin No. 1 and No. 4 is expected to be completed by the end of January. Mr. J. J. Witczak requests that he be notified (at least five days before) when sampling is conducted, so he may observe the activities.

5. Facility Demolition

No discussion held during this meeting.

6. Cover Engineering Design and Installation

WHC reported that current work on the functional design criteria (FDC) for the cover is currently on hold due to funding constraints. This activity is scheduled to begin in October 1990, however depending on available resources this effort will be initiated earlier.

7. Ground Water Well Monitoring

No major discussion held during this meeting. The wells were sampled in December in accordance with the Pacific Northwest Laboratory sampling schedule. Wells sampled were 199-H4-3, -4, and -9.

8. NOD Response Table and Closure Plan Revision

Discussions were held between Ecology and WHC on the NOD Response Table acceptance letter dated January 9, 1990. Preliminary agreement was reached for the responses to the five additional comments included in the letter. The revised closure/post-closure plan will be submitted to Ecology on or before April 13, 1990. Pictures will remain current as of November 1989. If required, WHC will provide more recent pictures after the public comment period is closed. Ecology agreed to the thirteen week time frame for this resubmittal, however, stated in the future, accelerated revisions of these closure/postclosure plans of this magnitude will be required.

9. General

On December 12, the return hydraulic line on the Grove crane broke causing about 125 gallons of hydraulic fluid to spill onto the asphalt roadway next to the fence. Floor Dry absorbent was used to clean up the fluid. An Event Fact Sheet documenting the incident was initiated. On December 18, the return hydraulic line again broke causing approximately 60 gallons of hydraulic fluid to spill in the same location. Floor Dry absorbent was again used to clean the spill and another Event Fact Sheet was initiated. Operational Support Services is investigating the cause. Ecology stated that all spills will be reportable to Ecology. Ecology reiterated that they will be sending a letter on the reporting requirements to DOE-RL.

## ACTION ITEMS

1. Revise closure/post-closure plan and submit to Ecology.  
Action: F. A. Ruck/M. C. Hughes      Date: April 13, 1990
2. Identify outfall structure behind 183-H basins next to the river.  
Action: E. W. Powers      Date: February 26, 1990
3. Identify requirements for Ecology to observe sampling activities in the basin.  
Action: M. A. Mihalic/F. A. Ruck      Date: February 26, 1990

## MEETING SCHEDULE

The next unit manager meeting for the 183-H Solar Evaporation Basins will be held on February 26, 1990, in Richland, WA.

  
J. J. Witczak, Ecology

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D. L. Duncan, DOE-RL

  
F. A. Ruck III, WHC

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